

# **ABSTRACT**

A power tool includes a linear motor and a maximum reciprocal movement amount setting unit. The linear motor has a movable member driven to move reciprocally and a tool connector for connecting work bits to the movable member. 5 The maximum reciprocal movement amount setting unit is for setting maximum reciprocal movement amount at which the linear motor drives movement of the movable member to a selected one of a plurality of maximum reciprocal movement amounts. Also, a position information region is provided on 10 the movable member. A movable member region detector detects the movable member position information region of the movable member and a control unit sets, as the initial position of the movable member, position of the movable member at the time the movable member region detector 15 detects the movable member position information region.

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